

IN THE CLAIMS:

Please amend claims 8-16 as follows.

1. (Previously Presented) A method for traffic management in a radio system, the method comprising:

monitoring at least one cell load parameter of non-real-time users in a radio cell;

triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting, based on at least one cell load parameter, the non-real-time users to perform cell reselection; and

triggering the selected non-real-time users to perform cell reselection.

2. (Previously Presented) The method of claim 1, further comprising selecting, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

3. (Previously Presented) The method of claim 1, further comprising using different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

4. (Previously Presented) The method of claim 1, wherein non-real time users are selected for cell reselection on the basis of at least one of the following cell load parameters:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level;
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

5. (Previously Presented) The method of claim 1, further comprising ranking the non-real-time users on the basis of a cell load parameter, and selecting the non-real-time users to perform cell reselection on the basis of a ranking.

6. (Previously Presented) The method of claim 1, wherein the number of non-real-time users to perform cell reselection is based on the magnitude by which the pre-set cell load threshold is exceeded.

7. (Previously Presented) The method of claim 1, wherein the cell reselection is an inter-system cell reselection or an inter-carrier cell reselection.

8. (Currently Amended) A radio system, comprising
a base station for providing a radio cell for radio transmission and reception to user equipment, wherein

the ~~radio system-~~ base station is configured to:

monitor at least one cell load parameter of non-real-time users in a radio cell;

trigger a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold,

select, based on at least one cell load parameter, the non-real-time users to perform cell reselection; and

trigger the selected non-real-time users to perform cell reselection.

9. (Currently Amended) The system of claim 8, wherein the ~~system-~~ base station is configured to select, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

10. (Currently Amended) The system of claim 8, wherein the ~~system~~ base station is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

11. (Currently Amended) The system of claim 8, wherein the system base station is configured to select, based on at least one of the following cell load parameters, non-real-time users for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

12. (Currently Amended) The system of claim 8, wherein the system base station is configured to rank the non-real-time users on the basis of a cell load parameter, and that the selection of the non-real-time users to perform cell reselection is based on the ranking.

13. (Currently Amended) The system of claim 8, wherein the system base station is configured to select, based on the magnitude by which the pre-set cell load threshold is exceeded, the number of non-real-time users to perform cell reselection.

14. (Currently Amended) The system of claim 8, wherein the ~~radio system~~base station is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

15. (Currently Amended) The system of claim 8, wherein the ~~radio system~~base station comprises a controller configured to:

monitor at least one cell load parameter of non-real-time users in a radio cell;

trigger a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

select, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

trigger the selected non-real-time users to perform cell reselection.

16. (Currently Amended) The system of claim 8, wherein the ~~radio system~~base station further comprises:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold,

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection;

second triggering means for triggering the selected non-real-time users to perform cell reselection.

17. (Previously Presented) A controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the controller comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.

18. (Previously Presented) The controller of claim 17, wherein the selecting means is configured to select, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

19. (Previously Presented) The controller of claim 17, wherein the first triggering means is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

20. (Previously Presented) The controller of claim 17, wherein the selecting means is configured to select, based on at least one of the following cell load parameters, non-real-time users for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

21. (Previously Presented) The controller of claim 17, wherein the selecting means is configured to rank the non-real-time users on the basis of a cell load parameter and to select the non-real-time users on the basis of a ranking.

22. (Previously Presented) The controller of claim 17, wherein the selecting means is configured to select, based on the magnitude by which the pre-set cell load threshold is exceeded, the number of non-real-time users to perform cell reselection.

23. (Previously Presented) The controller of claim 17, wherein the second triggering means is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

24. (Previously Presented) A radio network controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the radio network controller comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.

25. (Previously Presented) A base station of a radio system, the base station for providing a radio cell for radio transmission and reception to user equipment, the base station comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.